MITSUBISHI ELECTRIC

Lossnay Remote Controller
MODEL
PZ-61DR-E
Instruction Book

MITSUBISHI ELECTRIC

English

Deutsch

Français

Español

Italiano

Nederlands

Português

Ελληνικά

Русский

Türkçe

Český

Slovenský

Magyar

Polski

Slovenščina

Svenska

Hrvatski

Български

Română

Dansk
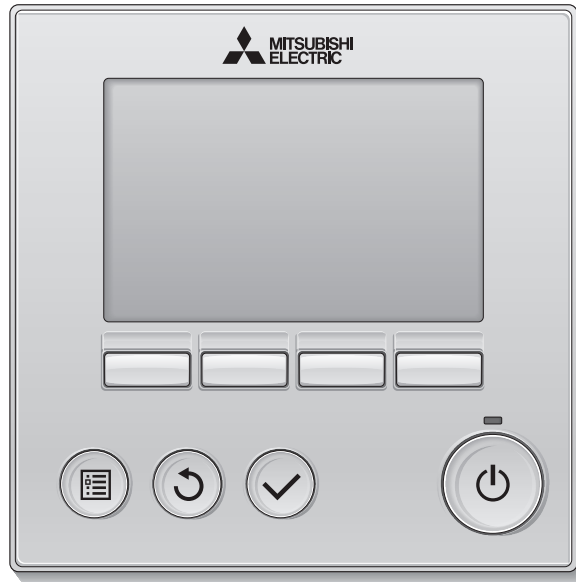
Prior to use, thoroughly read the instructions in this manual to use the product correctly.
Retain for future reference.
Make sure that this CD-ROM and Installation Manual are passed on to any future users.
To ensure safety and proper operation of the remote controller, the remote controller should
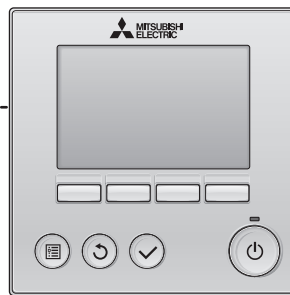only be installed by qualified personnel.

Feature 1

Large, easy-to-see display

Lossnay
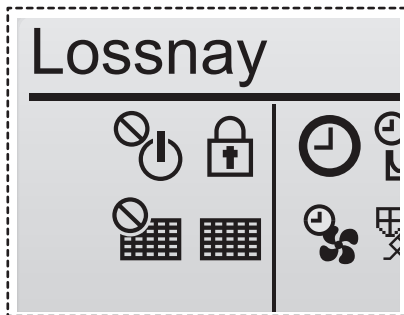
Full-dot LCD display with large characters for easy viewing
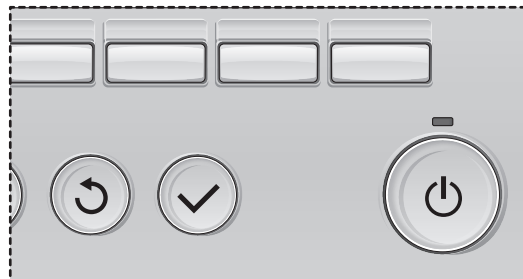
Feature 2

Simple button arrangement

Feature 3

Large, easy-to-press buttons

Buttons are arranged according to usage to allow for intuitive navigation.

Frequently used buttons are larger than other buttons to prevent unintended pressing of other buttons.

Contents

Safety precautions

- Thoroughly read the following safety precautions before using the unit.
- Observe these precautions carefully to ensure safety.

⚠ **WARNING**	Indicates a risk of death or serious injury.
⚠ **CAUTION**	Indicates a risk of serious injury or structural damage.

- After reading this manual, pass it on to the end user to retain for future reference.
- Keep this manual for future reference and refer to it as necessary. This manual should be made available to those who repair or relocate the controller. Make sure that the manual is passed on to any future users.

General precautions

⚠ WARNING

Do not install the unit in a place where large amounts of oil, steam, organic solvents, or corrosive gases, such as sulfuric gas, are present or where acidic/alkaline solutions or sprays are used frequently. These substances can compromise the performance of the unit or cause certain components of the unit to corrode, which can result in electric shock, malfunctions, smoke, or fire.

To reduce the risk of shorting, current leakage, electric shock, malfunctions, smoke, or fire, do not wash the controller with water or any other liquid.

To reduce the risk of electric shock, malfunctions, smoke or fire, do not operate the switches/buttons or touch other electrical parts with wet hands.

When disinfecting the unit using alcohol, ventilate the room adequately. The fumes of the alcohol around the unit may cause a fire or explosion when the unit is turned on.

To reduce the risk of injury or electric shock, before spraying a chemical around the controller, stop the operation and cover the controller.

To reduce the risk of injury or electric shock, stop the operation and switch off the power supply before cleaning, maintaining, or inspecting the controller.

If any abnormality (e.g., burning smell) is noticed, stop the operation, turn off the power switch, and consult your dealer. Continued use of the product may result in electric shock, malfunctions, or fire.

Properly install all required covers to keep moisture and dust out of the controller. Dust accumulation and water can cause electric shock, smoke, or fire.

⚠ CAUTION

To reduce the risk of fire or explosion, do not place flammable materials or use flammable sprays around the controller.

To reduce the risk of damage to the controller, do not directly spray insecticide or other flammable sprays on the controller.

To reduce the risk of environmental pollution, consult an authorized agency for proper disposal of remote controller.

To reduce the risk of electric shock or malfunctions, do not touch the touch display or buttons with a pointy or sharp object.

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To reduce the risk of injury and electric shock, avoid contact with sharp edges of certain parts.

To reduce the risk of injury, wear protective gear when working on the controller.

To avoid injury from broken glass, do not apply excessive force on the glass parts.

Precautions for moving or repairing the controller

⚠ WARNING

The controller should be repaired or moved only by qualified personnel. Do not disassemble or modify the controller.
Improper installation or repair may cause injury, electric shock, or fire.

⚠ CAUTION

To reduce the risk of shorting, electric shock, fire, or malfunction, do not touch the circuit board with tools or with your hands, and do not allow dust to accumulate on the circuit board.

Additional precautions

To avoid damage to the controller, use appropriate tools to install, inspect, or repair the controller.

This controller is designed for exclusive use with the Lossnay by Mitsubishi Electric. The use of this controller for other systems or for other purposes may cause malfunctions.

Do not pull or twist the communication cables.
Pulling or twisting a cable may result in fire or equipment failure.

To avoid discoloration, do not use benzene, thinner, or chemical rag to clean the controller. To clean the controller, wipe with a soft cloth soaked in water with mild detergent, wipe off the detergent with a wet cloth, and wipe off water with a dry cloth.
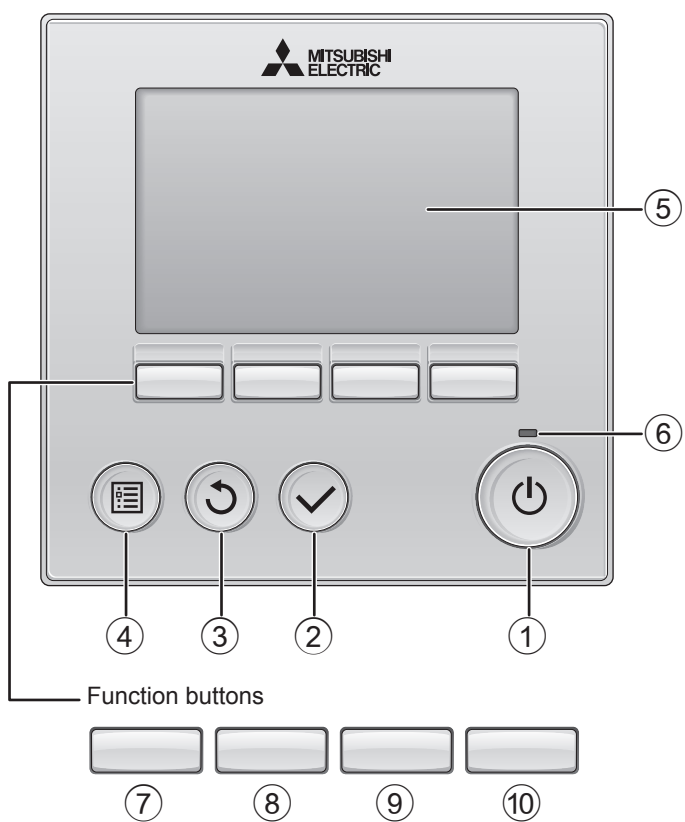
To avoid damage to the controller, provide protection against static electricity.

Names and functions of controller components

Function buttons

① ON/OFF button

Press to turn ON/OFF the Lossnay unit.

② SELECT button

Press to save the setting.

③ RETURN button

Press to return to the previous screen.

④ MENU button   Page 15

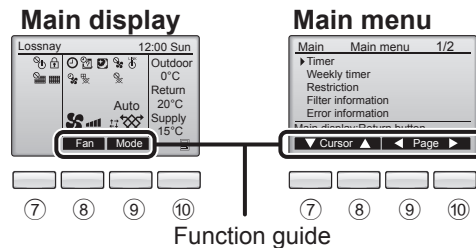Press to bring up the Main menu.

⑤ Backlit LCD

Operation settings will appear.
When the backlight is off, pressing any button turns the backlight on and it will stay lit for a certain period of time depending on the screen.

> When the backlight is off, pressing any button turns the backlight on and does not perform its function. (except for the ON/OFF button)

⑥ ON/OFF lamp

This lamp lights up in green while the unit is in operation. It blinks while the remote controller is starting up or when there is an error.

The functions of the function buttons change depending on the screen. Refer to the button function guide that appears at the bottom of the LCD for the functions they serve on a given screen.
When the system is centrally controlled, the button function guide that corresponds to the locked button will not appear.

Main display

Lossnay	12:00 Sun
	Outdoor 0°C
	Return 20°C
Auto	Supply 15°C
Fan	Mode

⑦ ⑧ ⑨ ⑩

Main menu

Main   Main menu   1/2
▶Timer
Weekly timer
Restriction
Filter information
Error information
▼ Cursor ▲ │ ◄ Page ►

⑦ ⑧ ⑨ ⑩

Function guide

⑦ Function button   F1

Main menu: Press to move the cursor down.

⑧ Function button   F2

Main display: Press to change the fan speed.
Main menu: Press to move the cursor up.

⑨ Function button   F3

Main display: Press to change the ventilation mode
Main menu: Press to go to the previous page.
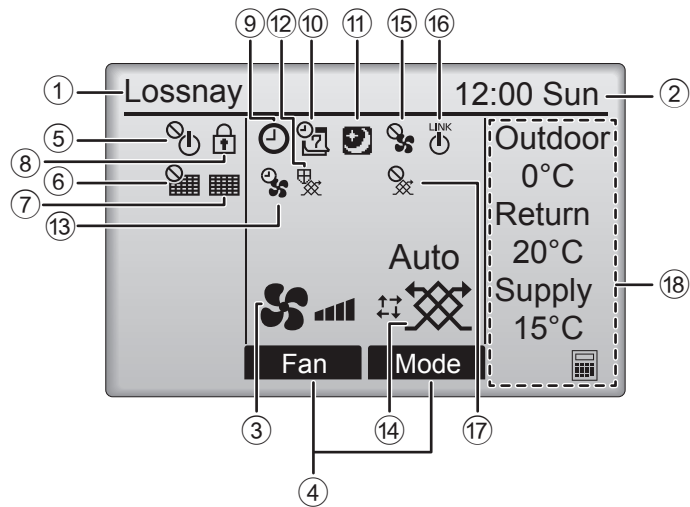
⑩ Function button   F4

Main menu: Press to go to the next page.

* If LOSSNAY does not have the function or operation is not possible, the operation guide is not displayed.

Names and functions of controller components

Display

* All icons are displayed for explanation.

① **Remote controller name**

Lossnay is always displayed.

② **Clock**　　　　**Page 17**
(See the Installation Manual.)

Current time appears here.

③ **Fan speed**　　　**Page 13**

Fan speed setting appears here.

④ **Button function guide**

Functions of the corresponding buttons appear here.

⑤

Appears when the ON/OFF operation is centrally controlled.

⑥

Appears when the filter reset function is centrally controlled.

⑦　　　　　　　　　　　**Page 33**

Indicates when filter and/or Lossnay core needs maintenance.

⑧　　　　　　　　　　　**Page 24**

Appears when the buttons are locked and/or a fan speed is skipped.

⑨　　　　　　　　　**Page 18, 20**

Appears when the On/Off timer (Page 18), or Auto-off timer (Page 20) function is enabled.

⑩　　　　　　　　　　　**Page 22**

Appears when the Weekly timer is enabled.

⑪　　　　　　　　　　　**Page 12**

Appears when the night-purge function is available.

⑫

Appears when performing operation to protect the equipment.

⑬

Appears when performing the power supply/ exhaust function or the delay operation at the start of operation.

⑭ **Ventilation mode**　　**Page 13**

Indicates the ventilation mode setting.

⑮

Appears when external fan speed operation.

⑯

Appears when operation interlocked with external unit.

⑰

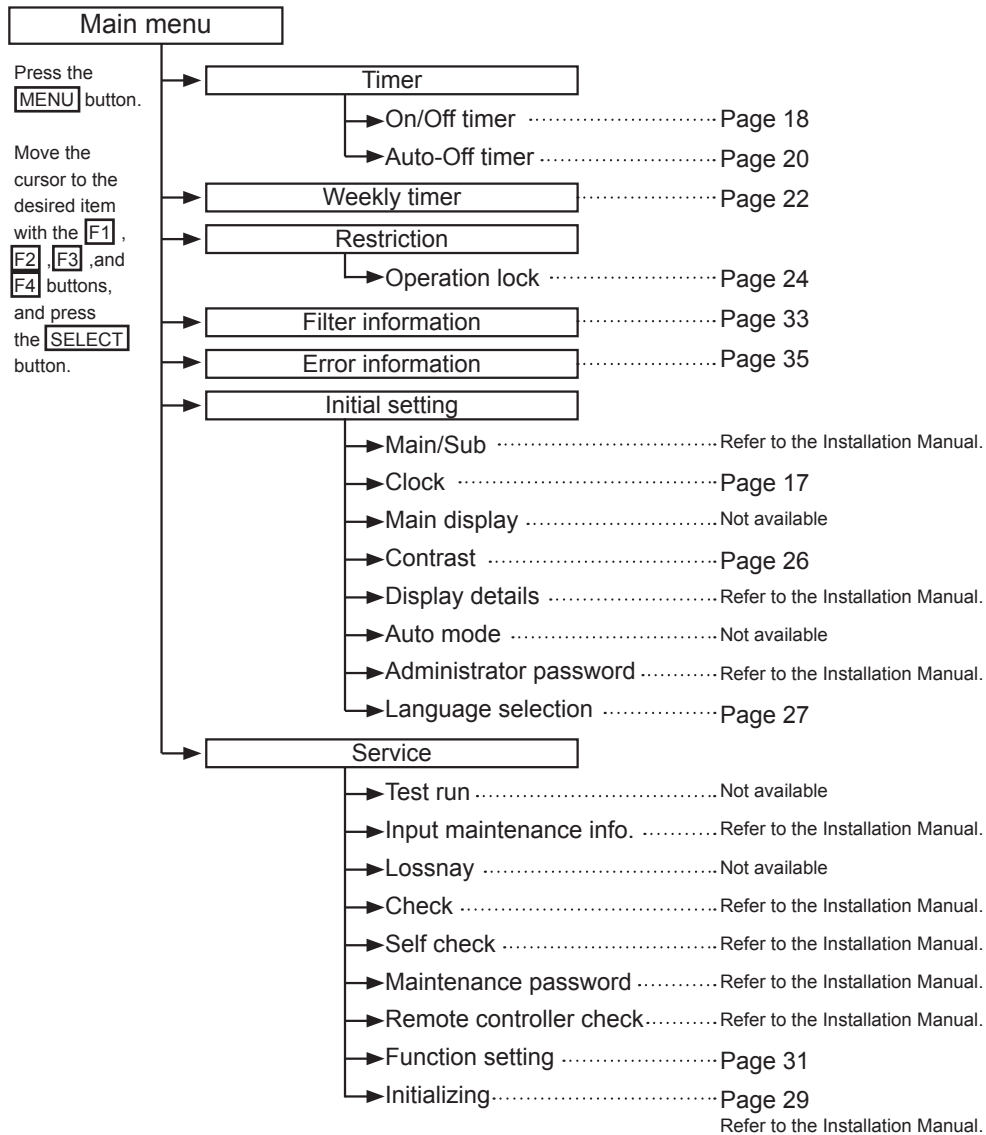Appears when external ventilation mode operation.

⑱ **Temperature**

Displays the outdoor temperature, return temperature, and supply temperature (calculated value).

The outdoor temperature indication flashes when 0ºC or lower or 38ºC or higher.
The return temperature and supply temperature (calculated value) indications flash when 8ºC or lower or 38ºC or higher.

Most settings (except ON/OFF, fan speed, ventilation mode) can be made from the Menu screen. (Refer to page 15.)

Read before operating the controller
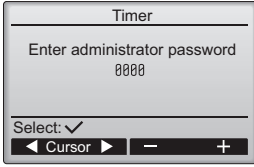
Menu structure

Main menu		

Timer	
►On/Off timer	Page 18
►Auto-Off timer	Page 20

Weekly timer	Page 22

Restriction	
►Operation lock	Page 24

Filter information	Page 33

Error information	Page 35

Initial setting	
►Main/Sub	Refer to the Installation Manual.
►Clock	Page 17
►Main display	Not available
►Contrast	Page 26
►Display details	Refer to the Installation Manual.
►Auto mode	Not available
►Administrator password	Refer to the Installation Manual.
►Language selection	Page 27

Service	
►Test run	Not available
►Input maintenance info.	Refer to the Installation Manual.
►Lossnay	Not available
►Check	Refer to the Installation Manual.
►Self check	Refer to the Installation Manual.
►Maintenance password	Refer to the Installation Manual.
►Remote controller check	Refer to the Installation Manual.
►Function setting	Page 31
►Initializing	Page 29
	Refer to the Installation Manual.

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Controller operation

| Timer | | Main | P |

The table below summarizes the square icons used in this manual.

| P | The administrator or maintenance user password must be entered on the password input screen to change settings. There is no settings that can skip this process.

Timer
Enter administrator password
0000
Select: ✓
◄ Cursor ► \| — \| +
F1　F2　F3　F4 | F1 : Press to move the cursor left.
F2 : Press to move the cursor right.
F3 : Press to decrease the value by 1.
F4 : Press to increase the value by 1.

*Changes cannot be made unless the correct password is entered. | **Main**

Indicates settings that can be made only from the main remote controller. |
| ON | Indicates settings that can be changed only while the units are in operation. | OFF | Indicates setting that can be changed only white the units are not in operataion |
| 🌙 | Indicates settings that can be changed only while the units are in night-purge operation. | 🔒 | Indicates functions that are not available when the buttons are locked or the system is centrally controlled. |

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Basic operations

Power ON/OFF

Button operation

ON

Press the ON/OFF button.
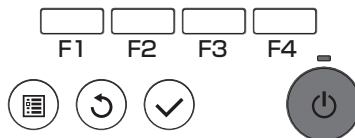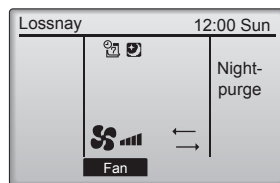The ON/OFF lamp will light up in green, and the operation will start.

OFF
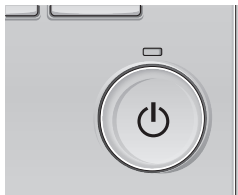
Press the ON/OFF button again.
The ON/OFF lamp will go out, and the operation will stop.

Power ON/OFF during Night-purge operation

Button operation

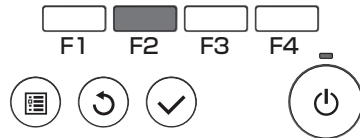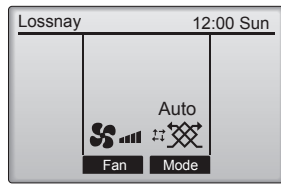| Lossnay	12:00 Sun
	Night-purge
Fan	

F1   F2   F3   F4

Press the ON/OFF button during the night-purge operation.
The night-purge operation screen changes to the normal operation screen.
If you want to stop the operation, press the ON/OFF button again.
The ON/OFF lamp will go out, and the operation will stop.

The night-purge operation starts automatically when the set condition is met.
For details, refer to the Installation Manual for the Lossnay unit.
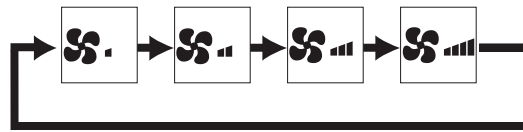
12

Fan speed

Button operation

・・・

```
Lossnay              12:00 Sun


                     Auto
            ⚙ ▬▬     ⇄ ※
            Fan    Mode
```

F1   F2   F3   F4

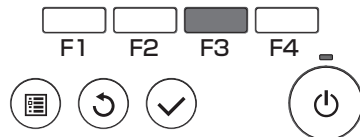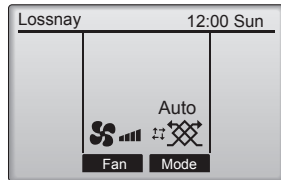Press the F2 button to go through the fan speeds in the following order.

Operation is not possible during external fan speed operation.

A fan speed that is skipped because of a fan skip setting is not displayed (refer to page 24).

Ventilation mode

Button operation

・・・

```
Lossnay              12:00 Sun


                     Auto
            ⚙ ▬▬     ⇄ ※
            Fan    Mode
```

F1   F2   F3   F4

Press the F3 button to go through the Ventilation mode in the following order.
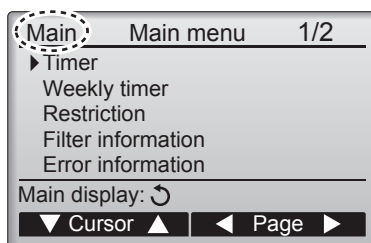
Operation is not possible during night-purge operation and external ventilation mode operation.

13

Navigating through the menu

Main menu list

Setting and display items		Setting details	Reference page
Timer	On/Off timer	**Use to set the operation On/Off times.** •Time can be set in 5-minute increments. * Clock setting is required.	18
	Auto-Off timer	**Use to set the Auto-Off time.** •Time can be set to a value from 30 to 240 in 10-minute increments.	20
Weekly timer		**Use to set the weekly operation On/Off times.** •Up to eight operation patterns can be set for each day. * Clock setting is required. * Not valid when the On/Off timer is enabled.	22
Restriction	Operation lock and fan speed skip	**Use to lock selected functions and to skip selected fan speed.** •The locked functions cannot be operated. •The skipped fan speed cannot be operated.	24
Filter information		**Use to check the filter and Lossnay core status.** •The cleaning sign can be reset.	33
Error information		**Use to check error information when an error occurs.** •Error code, error source, unit model, manufacturing number, contact information (dealer's phone number) can be displayed. * The unit model, manufacturing number, and contact information need to be registered in advance to be displayed.	35
Initial setting	Clock	**Use to set the current time.**	17
	Contrast	**Use to adjust screen contrast.**	26
	Language selection	**Use to select the desired language.**	27
Service	Initializing	**Use to intialize the remote controller**	29
	Function setting	**Use to set functions for each Lossnay.**	31

Restrictions for the sub remote controller

```
┌─────────────────────────────┐
│ (Main)   Main menu    1/2   │
│  ▶Timer                     │
│   Weekly timer              │
│   Restriction               │
│   Filter information        │
│   Error information         │
│ Main display: ↻             │
│ ▼ Cursor ▲  │  ◀ Page ▶    │
└─────────────────────────────┘
```
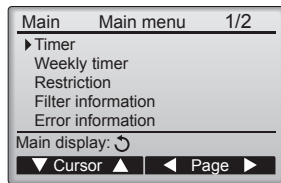
The following settings cannot be made from the sub remote controller. Make these settings from the main remote controller. "Main" is displayed in the title of the Main menu on the main remote controller.

•**Timer**
  (On/Off timer, Auto-Off timer)
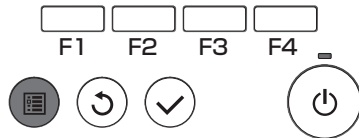•**Weekly timer**

Navigating through the Main menu

Button operation
. . . .

Accessing the Main menu

```
Main      Main menu      1/2
 ▶Timer
  Weekly timer
  Restriction
  Filter information
  Error information
Main display: ↻
  ▼ Cursor ▲  │  ◀ Page ▶
```

F1   F2   F3   F4

Press the MENU button.

The Main menu will appear.

. . . .

Item selection

```
Main      Main menu      1/2
  Timer
  Weekly timer
Cursor ──▶Restriction
  Filter information
  Error information
Main display: ↻
  ▼ Cursor ▲  │  ◀ Page ▶
```

F1   F2   F3   F4
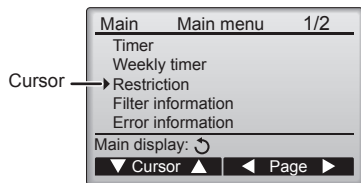
Press F1 to move the cursor down.
Press F2 to move the cursor up.

. . . .

Navigating through the pages

```
Main      Main menu      2/2 ── Page
 ▶Initial setting
  Service



Main display: ↻
  ▼ Cursor ▲  │  ◀ Page ▶
```

F1   F2   F3   F4
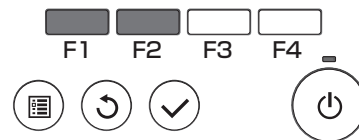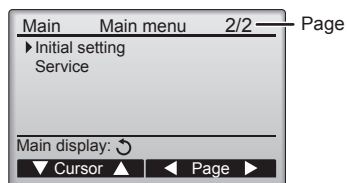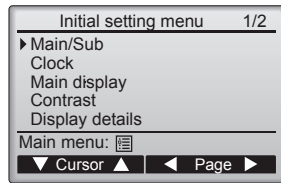
Press F3 to go to the previous page.
Press F4 to go to the next page.
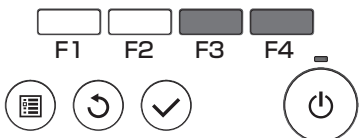
Navigating through the menu

Saving the settings

```
Initial setting menu      1/2
▸ Main/Sub
  Clock
  Main display
  Contrast
  Display details
Main menu: ▦
  ▼ Cursor ▲  │  ◄  Page  ▶
```
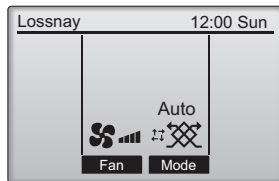
F1   F2   F3   F4

Select the desired item, and press the SELECT button.

The screen to set the selected item will appear.
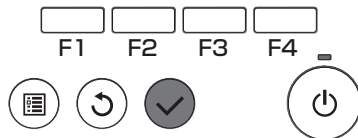
Exiting the Main menu screen

```
Lossnay          12:00 Sun



             Auto
 ❄ ▃▃▃  ⇄ ❅
     Fan     Mode
```
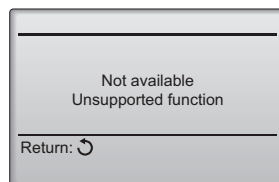
F1   F2   F3   F4

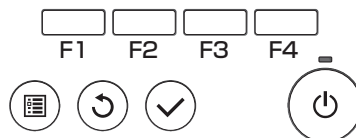Press the RETURN button to exit the Main menu and return to the Main display.
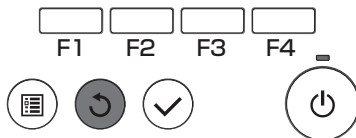
> **If no buttons are touched for 10 minutes, the screen will automatically return to the Main display. Any settings that have not been saved will be lost.**

Display of unsupported functions

```
─────────────────



      Not available
   Unsupported function


Return: ↺
```

F1   F2   F3   F4

The message at left will appear if the user selects a function not supported by the corresponding Lossnay unit model.

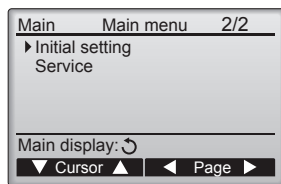# Controller operation-Function settings

Clock

P

Button operation

1

Main   Main menu   2/2
▸ Initial setting
   Service

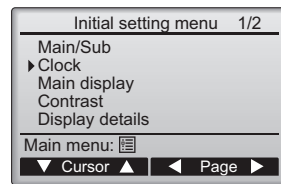Main display: ↺
▼ Cursor ▲   ◄ Page ►

F1   F2   F3   F4

Select "Initial setting" from the Main menu (refer to page 15), and press the SELECT button.

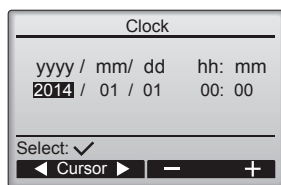> **Clock setting is required before making the following settings.**
> • On/Off timer
> • Weekly timer

2

Initial setting menu   1/2
   Main/Sub
▸ Clock
   Main display
   Contrast
   Display details
Main menu: ▤
▼ Cursor ▲   ◄ Page ►

F1   F2   F3   F4

Move the cursor to the "Clock" with the F1 or F2 button, and press the SELECT button.

3

Clock

yyyy / mm/ dd   hh: mm
2014 / 01 / 01   00: 00

Select: ✓
◄ Cursor ►   ─   +

F1   F2   F3   F4

Move the cursor to the desired item with the F1 or F2 button out of year, month, date, hour, or minute.

Increase or decrease the value for the selected item with the F3 or F4 button, and press the SELECT button.
A confirmation screen will appear.

> **Navigating through the screens**
> • To go back to the Main menu .... MENU button
> • To return to the previous screen ...... RETURN button

17

Controller operation-Function settings

Timer

Main   P

On/Off timer

Button operation

1

```
Main       Main menu      1/2
▸Timer
  Weekly timer
  Restriction
  Filter information
  Error information
Main display: ↻
 ▼ Cursor ▲  |  ◀ Page ▶
```
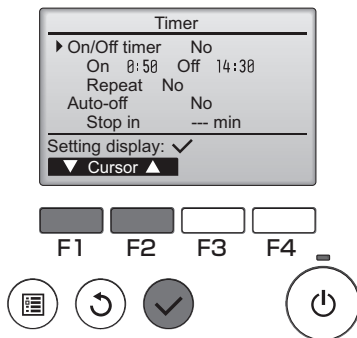
F1   F2   F3   F4
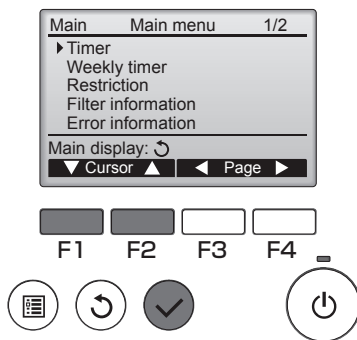
Select "Timer" from the Main menu (refer to page 15), and press the [SELECT] button.

> **The On/Off timer will not work in the following cases:** when On/Off timer is disabled, during an error, during check (in the service menu), during remote controller diagnosis, when the clock is not set, during Function setting, when the system is centrally controlled (when On/Off operation from local remote controller is prohibited).
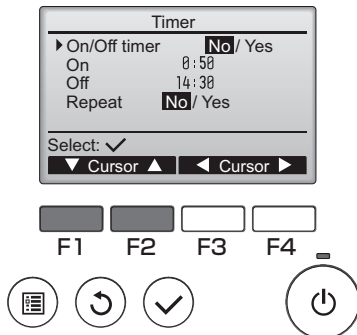
2

```
            Timer
▸On/Off timer     No
   On  0:50   Off  14:30
   Repeat  No
Auto-off         No
   Stop in      --- min
Setting display: ✓
 ▼ Cursor ▲
```

F1   F2   F3   F4

The current settings will appear.

Move the cursor to the On/Off timer, and press the [SELECT] button.

3

```
            Timer
▸On/Off timer    No / Yes
  On           0:50
  Off         14:30
  Repeat       No / Yes

Select: ✓
 ▼ Cursor ▲  |  ◀ Cursor ▶
```
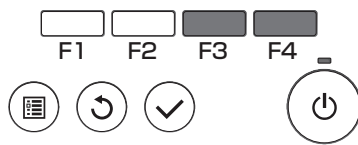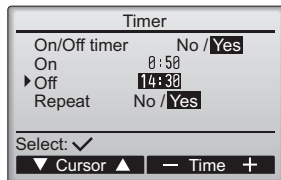
F1   F2   F3   F4

The screen to set the timer will appear.

Select the desired item with the [F1] or [F2] button out of "On/Off timer," "On," "Off," or "Repeat."

> When operation is started by the On timer, the fan speed and ventilation mode will be in the states set before operation stopped.
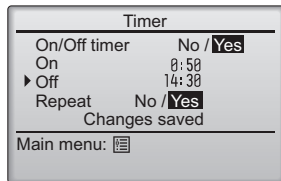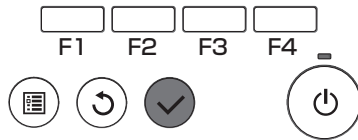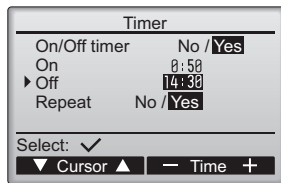
18

4

Timer
On/Off timer   No / Yes
On   0:50
▸ Off   14:30
Repeat   No / Yes

Select: ✓
▼ Cursor ▲   − Time +

F1   F2   F3   F4

Change the setting with the F3 or F4 button.

・On/Off timer: No (disable)/Yes (enable)
・On: Operation start time
      (settable in 5-minute increments)
 * Press and hold the button to rapidly advance
   the numbers.
・Off: Operation stop time
      (settable in 5-minute increments)
 * Press and hold the button to rapidly advance
   the numbers.
・Repeat: No (once)/Yes (repeat)


5

Timer
On/Off timer   No / Yes
On   0:50
▸ Off   14:30
Repeat   No / Yes

Select: ✓
▼ Cursor ▲   − Time +

F1   F2   F3   F4

Press the SELECT button to save the settings.

Timer
On/Off timer   No / Yes
On   0:50
▸ Off   14:30
Repeat   No / Yes
       Changes saved
Main menu: ▤

A confirmation screen will appear.

Navigating through the screens
• To go back to the Main menu .... MENU button
• To return to the previous screen ...... RETURN button

Lossnay   12:00 Sun

Auto

Fan   Mode
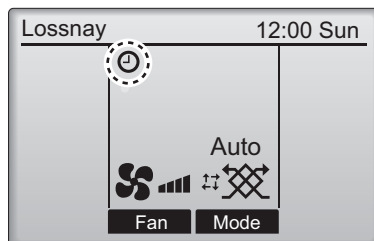
🕐 will appear on the Main display when the
On/Off timer is enabled.

Controller operation-Function settings

Timer

Auto-Off timer

Button operation

1

```
              Timer
On/Off timer      Yes
   On  0:50  Off  14:30
   Repeat    Yes
▸ Auto-Off        No
   Stop in       --- min
Setting display: ✓
   ▼ Cursor ▲
```
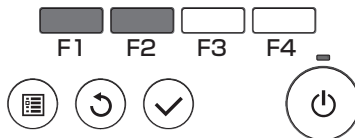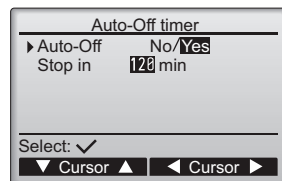
F1 F2 F3 F4
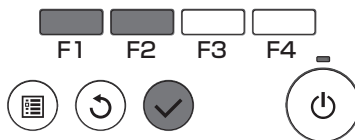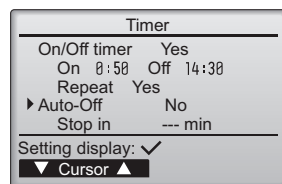
Bring up the Timer setting screen.
(Refer to page 18.)

Select "Auto-Off", and press the SELECT button.

> **The Auto-Off timer will not work in the following cases:**
> when Auto-Off timer is disabled, during an error, during check (in the service menu), during remote controller diagnosis, when the clock is not set, during Function setting, when the system is centrally controlled (when On/Off operation from local controller is prohibited).
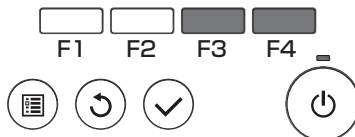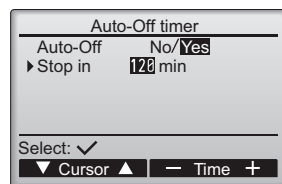
2

```
        Auto-Off timer
▸ Auto-Off        No/Yes
   Stop in     120 min



Select: ✓
   ▼ Cursor ▲ │ ◀ Cursor ▶
```

F1 F2 F3 F4

The current settings will appear.

Move the cursor to the "Auto-Off" or "Stop in --- min" with the F1 or F2 button.

3

```
        Auto-Off timer
   Auto-Off        No/Yes
▸ Stop in     120 min



Select: ✓
   ▼ Cursor ▲ │ ─ Time +
```

F1 F2 F3 F4
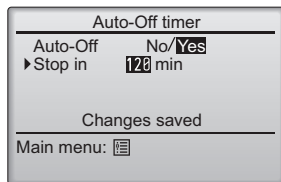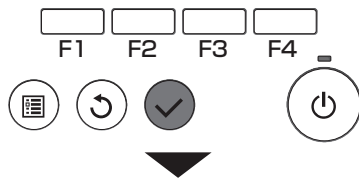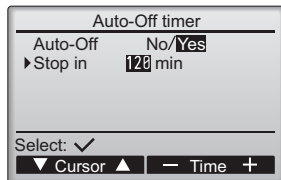
Change the setting with the F3 or F4 button.

• Auto-Off: No (disable)/Yes (enable)
• Stop in --- min: Timer setting (The settable range is 30 to 240 minutes in 10-minute increments.)

20

4

Auto-Off timer

Auto-Off   No/**Yes**
▶Stop in   **120** min

Select: ✓
▼ Cursor ▲ | — Time +

F1   F2   F3   F4

Press the SELECT button to save the settings.

Auto-Off timer

Auto-Off   No/**Yes**
▶Stop in   **120** min

Changes saved
Main menu: ▦

A confirmation screen will appear.

Navigating through the screens
• To go back to the Main menu .... MENU button
• To return to the previous screen ...... RETURN button

Lossnay   12:00 Sun

Auto

Fan   Mode
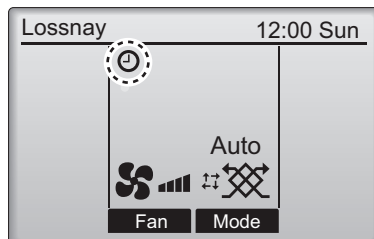
🕐 will appear on the Main display when the Auto-Off timer is enabled.

Controller operation-Function settings

Weekly timer

Main　P

Button operation

1

```
Main      Main menu      1/2
   Timer
 ▸ Weekly timer
   Restriction
   Filter information
   Error information
Main display: ↻
   ▼ Cursor ▲  │  ◀ Page ▶
```
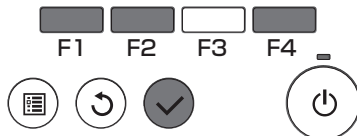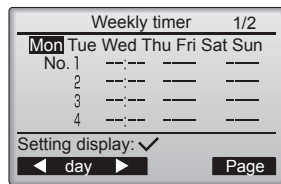
F1　F2　F3　F4
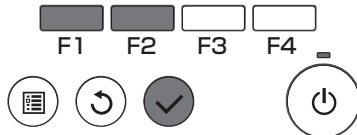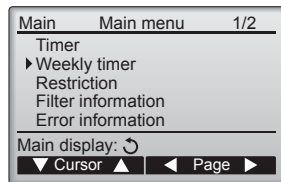
Select "Weekly timer" from the Main menu (refer to page 15), and press the SELECT button.

| **The Weekly timer will not work in the following cases:** when the On/Off timer is enabled, when the weekly timer is disabled, during an error, during check (in the service menu), during remote controller diagnosis, when the clock is not set, during Function setting, when the system is centrally controlled (On/Off operation from local remote controller is prohibited). |
|---|

2

```
       Weekly timer      1/2
 Mon Tue Wed Thu Fri Sat Sun
No.1        --:--  ----  ----
   2        --:--  ----  ----
   3        --:--  ----  ----
   4        --:--  ----  ----
Setting display: ✓
   ◀  day  ▶            Page
```

F1　F2　F3　F4

The current settings will appear.

Press the F1 or F2 button to see the settings for each day of the week.
Press the F4 button to see patterns 5 through 8.

Press the SELECT button to go to the setting screen.

3

```
       Weekly timer

 Weekly timer  No / Yes

Select: ✓
              ◀ Cursor ▶
```

F1　F2　F3　F4
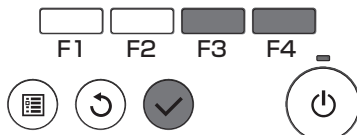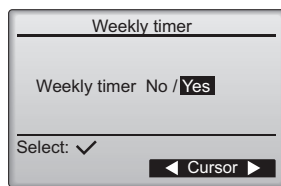
The screen to enable (Yes) and disable (No) the weekly timer will appear.

To enable the setting, move the cursor to "Yes" with the F3 or F4 button, and press the SELECT button.

22

4

```
        Weekly timer     1/2
Mon Tue Wed Thu Fri Sat Sun
  No. 1   --:--  ----   --
     2   --:--  ----   --
     3   --:--  ----   --
     4   --:--  ----   --
Input display: ✓
  ◄   day   ►  │ Select │ Page
```

F1   F2   F3   F4

The weekly timer setting screen will appear and the current settings will be displayed.
Up to eight operation patterns can be set for each day.
Move the cursor to the desired day of the week with the F1 or F2 button, and press the F3 button to select it. (Multiple days can be selected.)

Press the SELECT button.

5

```
        Weekly timer     1/2
                 Thu
  No. 1   8:30    On   ❄.
     2  20:00    Off   ----
     3  22:00    🌙    ----
     4   --:--   ----  ----
Select: ✓
  ▼  Cursor  ►  │ ― Content ＋
```

F1   F2   F3   F4

```
        Weekly timer
              Thu


        Changes saved
Day selection: ✓
```

Operation pattern setting screen will appear.
Press the F1 button to move the cursor to the desired pattern number.
Move the cursor to the time, On/Off/Night-purge (🌙) or fan speed (❄. ❄. ❄. ❄.)with the F2 button.
Change the settings with the F3 or F4 button.
• Time: settable in 5-minute increments
  * Press and hold the button to rapidly advance the numbers.
• On/Off/Night-purge
• Fan speed: Selectable fan speed of the Lossnay connected.
Note:
• Lossnay will start the operate at the same ventilation mode before stopping.

How to set Night-purge schedule
<STEP 1>
  Enable the Night-purge function setting and select the fan speed during Night-purge (Refer to the Lossnay Installation Manual, function setting).
<STEP 2>
  Set the "Night-purge schedule" after "Off schedule" like the example on the left. Off setting is necessary before Night-purge setting. If not, Night-purge does not start. For example, the setting as shown in the right is incorrect.

```
        Weekly timer     1/2
                 Thu
  No. 1   8:30    On   ❄.
     2  22:00    🌙    ----
     3   --:--   ----  ----
     4   --:--   ----  ----
Select: ✓
  ▼  Cursor  ►  │ ― Content ＋
```

Note:
• Fan speed can be selected by function setting, but cannot be selected in the Weekly timer. If you change fan speed during Night-purge by the remote controller, Lossnay follows it.
• If the Night-purge function is not enabled, Lossnay will not operate properly even if it is set in the Weekly timer.
• Night-purge operation is always Bypass ventilation mode.

Press the SELECT button to save the settings.
A confirmation screen will appear.

Navigating through the screens
• To go back to the setting change/day of the week selection screen .... SELECT button
• To go back to the Main menu .. MENU button
• To return to the previous screen
  .... RETURN button

23

Controller operation-Function settings

Weekly timer   Main P

Lossnay   12:00 Sun

Auto

Fan   Mode

⏰7 will appear on the Main display when the weekly timer setting for the current day exists. The icon will not appear while the On/Off timer is enabled or the system is under centralized control (Timer operation from local remote controller is prohibited).

Restriction   P
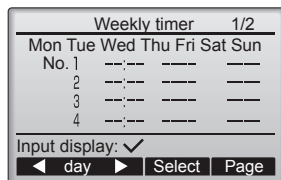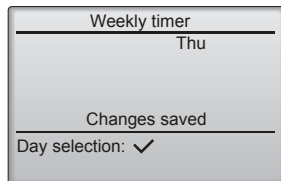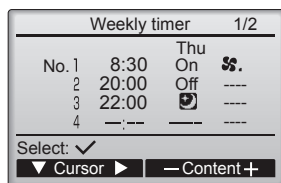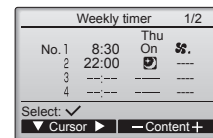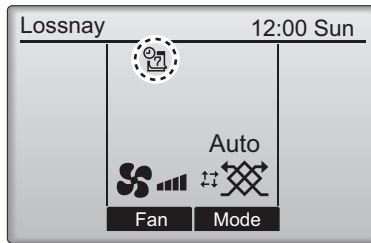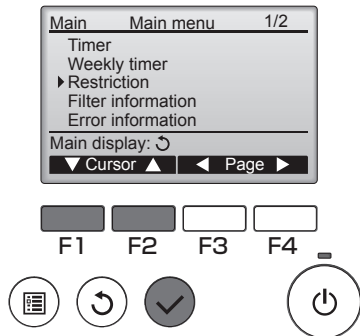
Operation lock and fan speed skip function

To enable the operation lock function, and/or fan speed skip function set the item "Operation locked" to "Yes".
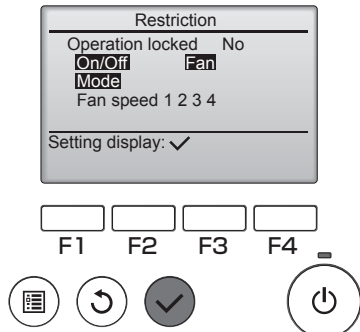
Button operation

1

Main   Main menu   1/2
  Timer
  Weekly timer
▸Restriction
  Filter information
  Error information
Main display: ↻
▼ Cursor ▲   ◄   Page   ►

F1   F2   F3   F4

Select "Restriction" from the Main menu (refer to page 15), and press the SELECT button.

2

Restriction
Operation locked   No
On/Off   Fan
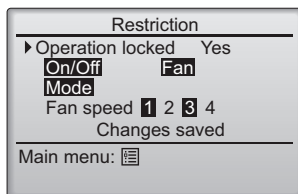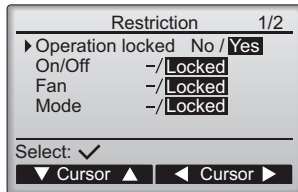Mode
  Fan speed 1 2 3 4

Setting display: ✓

F1   F2   F3   F4

Bring up the Restriction setting screen.

Press the SELECT button.

24

3

```
        Restriction      1/2
▶Operation locked  No / [Yes]
 On/Off         −/[Locked]
 Fan            −/[Locked]
 Mode           −/[Locked]

Select: ✓
  ▼ Cursor ▲  |  ◀ Cursor ▶
```

```
        Restriction      2/2
▶Fan speed 1  -/[Skipped]
 Fan speed 2  ⌐/Skipped
 Fan speed 3  -/[Skipped]
 Fan speed 4  ⌐/Skipped

Select: ✓
  ▼ Cursor ▲  |  ◀ Cursor ▶
```

F1   F2   F3   F4

▼

```
        Restriction
▶Operation locked    Yes
 [On/Off]       [Fan]
 [Mode]
    Fan speed [1] 2 [3] 4
      Changes saved
Main menu: ▤
```
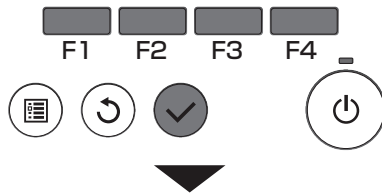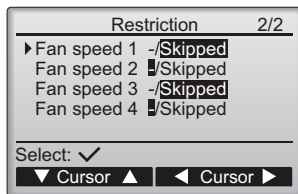
The screen to make the settings for the operation lock function will appear.

Move the cursor to the desired item with the F1 or F2 button out of the following items
<page 1/2>
Operation locked
On/Off
Fan
Mode
<page 2/2>
Fan speed 1
Fan speed 2
Fan speed 3
Fan speed 4
Change the settings with the F3 or F4 button.

<page 1/2>
Operation locked: No (disable) / Yes (enable)
On/Off: On/Off operation ⌐
Fan: Fan speed setting | "-" / "Locked"
Mode: Ventilation mode setting ⌐
<page 2/2>
Fan speed 1: Skipped or not ⌐
Fan speed 2: Skipped or not | "-" / "Skipped"
Fan speed 3: Skipped or not |
Fan speed 4: Skipped or not ⌐

Press the SELECT button to save the settings.
A confirmation screen will appear.

Navigating through the screens
• To go back to the Main menu .... MENU button
• To return to the previous screen ...... RETURN button

```
Lossnay              12:00 Sun
        🔒


              Auto
    🌀 ▁▂▃▄ ⇅ ❌❌❌
     Fan
```
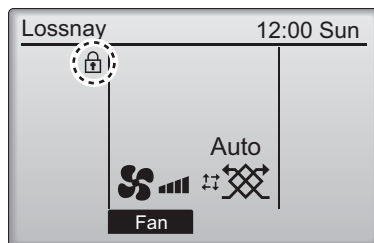
(When ventilation mode is locked)

🔒 will appear on the Main display when the operation lock function setting is enabled.

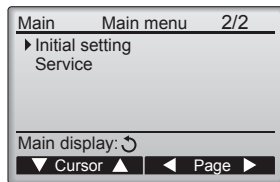Operation guide that corresponds to the locked function will be suppressed.
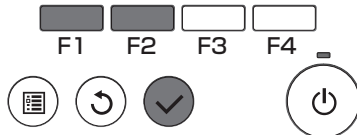
25

Controller operation-Function settings

Contrast

P

Button operation

1

```
Main      Main menu    2/2
▶ Initial setting
  Service


Main display: ↻
  ▼ Cursor ▲  │  ◀ Page ▶
```
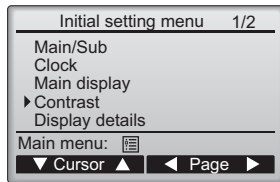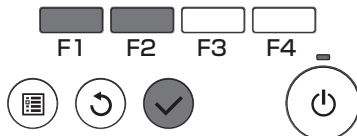
F1   F2   F3   F4

Select "Initial setting" from the Main menu (refer to page 15), and press the SELECT button.

2

```
    Initial setting menu    1/2
  Main/Sub
  Clock
  Main display
▶ Contrast
  Display details
Main menu:  ▤
  ▼ Cursor ▲  │  ◀ Page ▶
```

F1   F2   F3   F4

Move the cursor to the "Contrast" with the F1 or F2 button, and press the SELECT button.

3

```
         Contrast

   ○            ●
   ├─────┼───────┤
          ▲

Main menu: ▤
              Light │ Dark
```

F1   F2   F3   F4
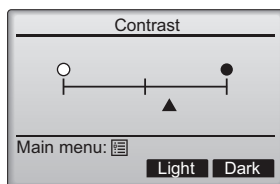
Adjust the contrast with the F3 or F4 button, and press the MENU or RETURN button.
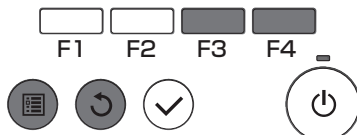
Navigating through the screens
• To go back to the Main menu .... MENU button
• To return to the previous screen ...... RETURN button
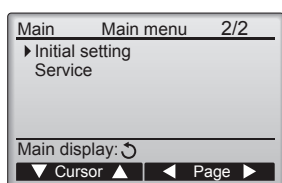
26

Language selection

P

Function description

The desired language can be set. The language options are English, French, German, Spanish, Italian, Portuguese, Swedish, and Russian.
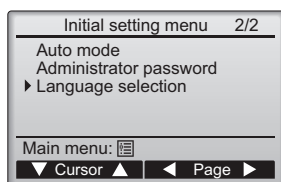
Button operation
....

1

```
Main      Main menu    2/2
 ▸ Initial setting
   Service



Main display: ↻
 ▼ Cursor ▲  │  ◄   Page   ▶
```

F1   F2   F3   F4

Select "Initial setting" from the Main menu (refer to page 15), and press the SELECT button.

....

2

```
   Initial setting menu   2/2
  Auto mode
  Administrator password
 ▸ Language selection


Main menu: ▤
 ▼ Cursor ▲  │  ◄   Page   ▶
```
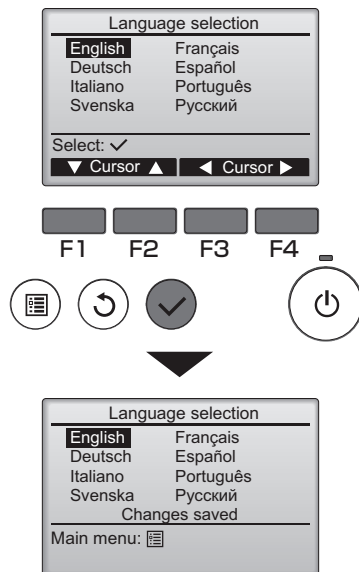
F1   F2   F3   F4

Move the cursor to the "Language selection" with the F1 or F2 button, and press the SELECT button.

27

Controller operation-Function settings

Language selection

P

3

```
Language selection
English      Français
Deutsch      Español
Italiano     Português
Svenska      Русский

Select: ✓
▼ Cursor ▲   ◄ Cursor ►
```

F1   F2   F3   F4

```
Language selection
English      Français
Deutsch      Español
Italiano     Português
Svenska      Русский
      Changes saved
Main menu:
```

Move the cursor to the language you desire with the F1 through F4 buttons, and press the SELECT button to save the setting.

When the power is on for the first time, the Language selection screen will be displayed. Select a desired language. The system will not start-up without language selection.

A screen will appear that indicates the setting has been saved.

Navigating through the screens
• To go back to the Main menu .... MENU button
• To return to the previous screen ...... RETURN button
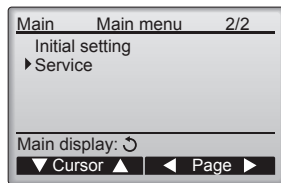
Initializing

🔒 P

Function description

You can initialize the remote controller to restore it to the factory default state.
The following are initialized.

Timer, Weekly timer, Operation locked, Main/Sub, Clock, Contrast, Display details, Model name input, Serial No. input, Dealer information input, Error history, Administrator password, Maintenance password, Language selection

If the remote controller is initialized, it reboot automatically.
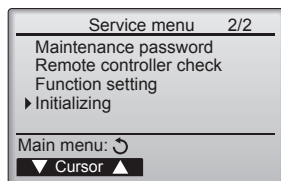
Button operation

1

```
Main      Main menu      2/2
  Initial setting
▶ Service



Main display: ↻
  ▼ Cursor ▲  │  ◀  Page  ▶
```

F1   F2   F3   F4

▤   ↻   ✓   ⏻

Select "Service" from the Main menu (refer to page 15), and press the [SELECT] button.

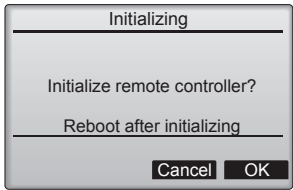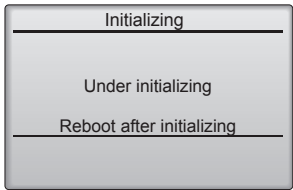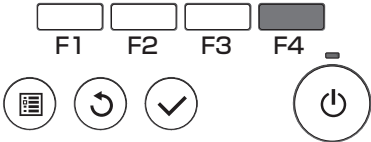This cannot be selected while external input is prioritized.

2

```
        Service menu      2/2
  Maintenance password
  Remote controller check
  Function setting
▶ Initializing

Main menu: ↻
  ▼ Cursor ▲
```

F1   F2   F3   F4

▤   ↻   ✓   ⏻

Select "Initializing" from the Service menu, and press the [SELECT] button.

29

Controller operation-Function settings

Initializing

3

Initializing
Initialize remote controller?
Reboot after initializing
Cancel   OK

F1   F2   F3   F4

Select "OK" with the F4 button.

Initializing
Under initializing
Reboot after initializing

After initialization is executed, the remote controller reboots automatically.
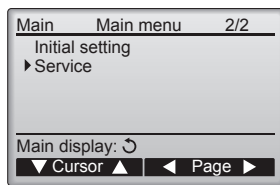
Function setting

Function description

Make the Lossnay units' function settings from the remote controller as necessary.
- Refer to the Lossnay unit Installation Manual for information about the factory settings of Lossnay units, function setting numbers, and setting values.
- When changing the Lossnay units' function settings, record all the changes made to keep track of the settings.
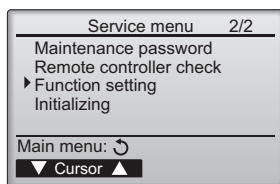
Button operation

1

```
Main        Main menu    2/2
  Initial setting
▶ Service


Main display: ↺
   ▼ Cursor ▲    ◀  Page  ▶
```

F1   F2   F3   F4

Select Service on the Main menu (see page 15), and press the SELECT button.

2

```
      Service menu    2/2
  Maintenance password
  Remote controller check
▶ Function setting
  Initializing

Main menu: ↺
   ▼ Cursor ▲
```

F1   F2   F3   F4

Select Function Setting on the Service Menu screen, and press the SELECT button.

Function setting ⓐ OFF P

3

Function setting
▸ M-NET address   3
Function No.   32
Data   2
Function   Set / Conf

Select: ✓
▼ Cursor ▲ | — Address +

F1   F2   F3   F4
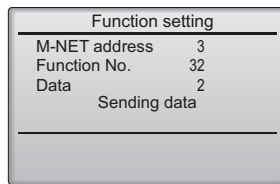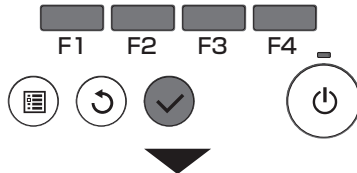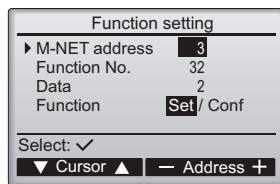
The Function Setting screen will appear.
Press the F1 or F2 button to move the cursor to one of the following: M-NET address, function setting number, or setting value. Then, press the F3 or F4 button to change the settings to the desired settings.

Once the settings have been completed, press the SELECT button.
A screen will appear that indicates that the settings information is being sent.

Function setting
M-NET address   3
Function No.   32
Data   2
Sending data

To check the current settings of a given unit, enter the setting for its M-NET address and function setting number, select Conf for the Function, and press the SELECT button.
A screen will appear that indicates that the settings are being searched for. When the search is done, the current settings will appear.

4

Function setting
M-NET address   3
Function No.   32
Data   2
Setting completed

Return: ↻

F1   F2   F3   F4
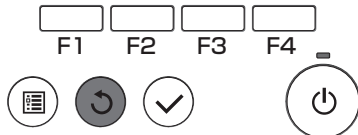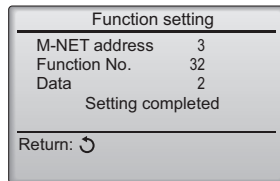
When the settings information has been sent, a screen will appear that indicates its completion.

To make additional settings, press the RETURN button to return to the screen shown in Step 3 above. Set the function numbers for other Lossnay units by following the same steps.

Navigating through the screens
• To return to the Service Menu screen ...... MENU button
• To return to the previous screen ...... RETURN button

Maintenance

Filter information

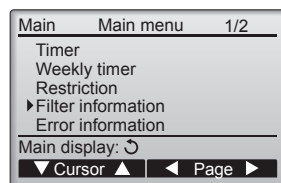Lossnay   12:00 Sun

Auto

Fan | Mode
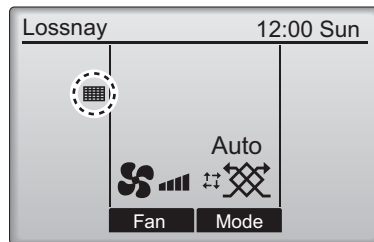
⊞ will appear on the Main display when it is time to clean the filter and/or Lossnay core.

Clean, or replace the filter and/or Lossnay core when this sign appears.
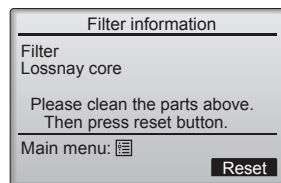**Refer to the Lossnay unit Instruction Manual for details.**

Button operation

· ·

1

Main   Main menu   1/2
  Timer
  Weekly timer
  Restriction
▸ Filter information
  Error information
Main display: ↺
▼ Cursor ▲ | ◄ Page ►

F1   F2   F3   F4

Select "Filter information" from the Main menu (refer to page 15), and press the SELECT button.

· ·

2

Filter information
Filter
Lossnay core

  Please clean the parts above.
  Then press reset button.
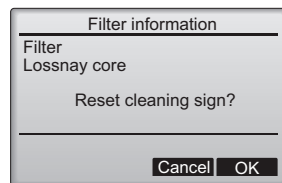Main menu: ▤
                    Reset

F1   F2   F3   F4

Press the F4 button to reset cleaning sign.

Refer to the Lossnay unit Instruction Manual for how to clean the filter and/or Lossnay core.

Maintenance
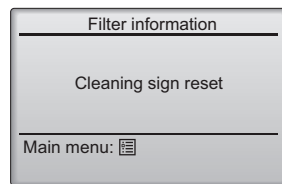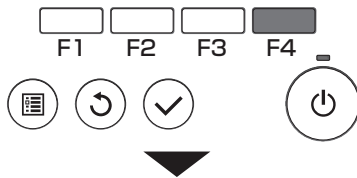
Filter information

3

Filter information

Filter
Lossnay core

Reset cleaning sign?

Cancel   OK

F1   F2   F3   F4

Select "OK" with the [F4] button.

Filter information

Cleaning sign reset

Main menu: 📖

A confirmation screen will appear.

Navigating through the screens
• To go back to the Main menu .... MENU button
• To return to the previous screen ...... RETURN button

Lossnay   12:00 Sun

Auto

Fan   Mode
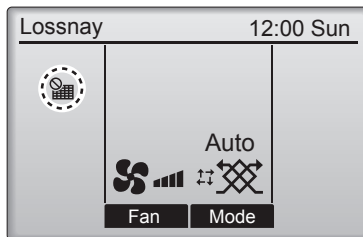
When the 🗑 is displayed on the Main display the system is centrally controlled and the cleaning sign cannot be reset.

If two or more Lossnay units are connected, cleaning timing for each unit may be different.
The icon ▦ will appear when the filter and/or Lossnay core on the main unit is due for cleaning.
When the cleaning sign is reset, the cumulative operation time of all units will be reset.

The icon ▦ is scheduled to appear after a certain duration of operation, based on the premise that the Lossnay units are installed in a space with ordinary air quality. Depending on the air quality, the filter and/or Lossnay core may require more frequent cleaning.

The cumulative time at which filter and/or Lossnay core needs cleaning depends on the model.

34

Troubleshooting

Error information

When an error occurs, the following screen will appear.
Check the error status, stop the operation, and consult your dealer.

Button operation

1

```
      Error information      1/2
 Error code       5101
 Error unit       LC(Lossnay)
 M-NET address  1
 Model name  LGH-100RVX-E
 Serial No.        01234567
 Reset error:Reset button
  ▼  Page  ▲          Reset
```

F1   F2   F3   F4   blinks

Error code, error unit, M-NET address, unit model name, and serial number will appear. The model name and serial number will appear only if the information have been registered.

Press the F1 or F2 button to go to the next page.

```
      Error information     2/2
 Contact information
  Dealer
        Tel  012-3456-7890


 Reset error: Reset button
  ▼  Page  ▲          Reset
```

Contact information (dealer's phone number) will appear if the information have been registered.

■ Troubleshooting

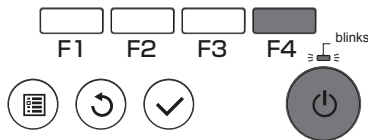## Error information

2

```
    Error information     1/2
Error code       5101
Error unit       LC(Lossnay)
M-NET address  1
Model name  LGH-100RVX-E
Serial No.       01234567
Reset error: Reset button
▼  Page  ▲            Reset
```
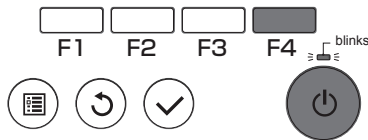
F1   F2   F3   F4   blinks

Press the F4 button or the ON/OFF button to reset the error that is occurring.

Errors cannot be reset while the ON/OFF operation is prohibited.

```
        Error reset

   Reset current error?


              Cancel   OK
```

F1   F2   F3   F4   blinks

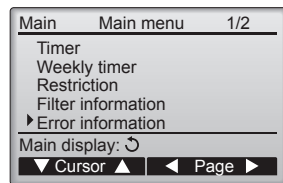Select "OK" with the F4 button.

```
        Error reset


        Error reset

Main menu: ▤
```

Navigating through the screens
• To go back to the Main menu .... MENU button

36

Checking the error information

Main   Main menu   1/2
Timer
Weekly timer
Restriction
Filter information
▶ Error information
Main display: ↻
▼ Cursor ▲ | ◀ Page ▶

F1   F2   F3   F4
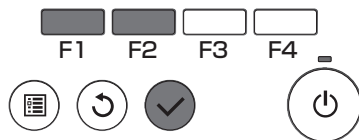
While no errors are occurring, page 2/2 of the error information (refer to page 35) can be viewed by selecting "Error information" from the Main menu (refer to page 15).
Errors cannot be reset from this screen.

Specifications

Controller specifications

	Specification
Product size	120(W) x 120(H) x 19(D) mm (4 3/4 x 4 3/4 x 3/4 [in]) (not including the protruding part)
Net weight	0.25 kg (9/16 lb.)
Rated power supply voltage	12 VDC (supplied from Lossnay units)
Power consumption	0.3 W
Usage environment	Temperature 0 ~ 40ºC (32 ~ 104ºF) Humidity 30 ~ 90%RH (with no dew condensation)
Material	Panel: PMMA Main body: PC + ABS